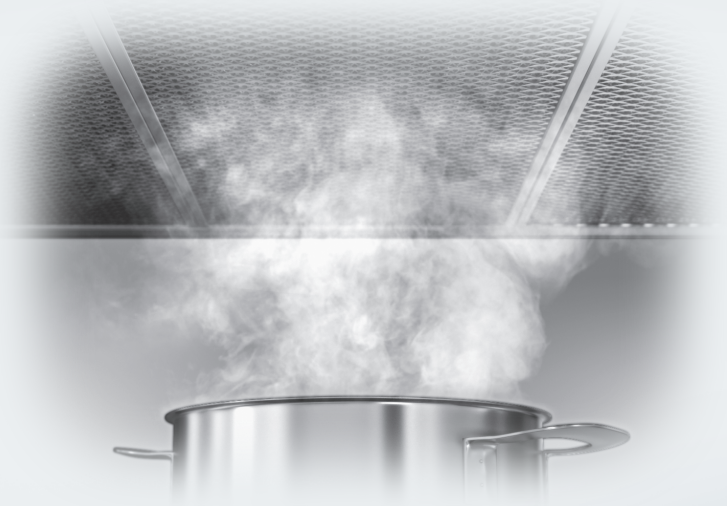
Operating and installation instructions
Cooker hood



To prevent the risk of accidents or damage to the appliance, it is **essential** to read these instructions before it is installed and used for the first time.

en-GB

M.-Nr. 09 704 910

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This appliance complies with all relevant local and national safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important notes on the safety, installation, use and maintenance of the appliance. Miele cannot be held liable for non-compliance with these instructions.

Keep these instructions in a safe place and ensure that all users are familiar with the contents. Pass them on to any future owner of the appliance.

Correct application

▶ This cooker hood is intended for use in domestic households and similar working and residential environments.

▶ The cooker hood is not intended for outdoor use.

▶ It must only be used as a domestic appliance to extract vapours and remove odours from cooking.
Any other usage is not supported by the manufacturer and could be dangerous.

▶ The cooker hood can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they are supervised whilst using it, or have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.

Safety with children

▶ Children under 8 years of age must be kept away from the cooker hood unless they are constantly supervised.

▶ Children 8 years and older may only use the cooker hood unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

▶ Children must not be allowed to clean or maintain the cooker hood unsupervised.

▶ Please supervise children in the vicinity of the cooker hood and do not let them play with it.

▶ Danger of suffocation. Packaging, e.g. plastic wrappings, must be kept out of the reach of babies and children. Whilst playing, children could become entangled in packaging or pull it over their head and suffocate.

Technical safety

▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user. Installation, maintenance and repairs must only be carried out by a Miele authorised technician.

▶ A damaged appliance can be dangerous. Check it for visible signs of damage. Do not use a damaged appliance.

▶ The electrical safety of this appliance can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician.

▶ Reliable and safe operation of this cooker hood can only be assured if it has been connected to the mains electricity supply.

▶ Before connecting the appliance to the mains supply, ensure that the connection data on the data plate (voltage and frequency) match the mains electricity supply. This data must correspond in order to avoid the risk of damage to the appliance. Consult a qualified electrician if in any doubt.

▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These are a fire hazard and do not guarantee the required safety of the appliance.

▶ For appliances with an external motor fitted (...EXT models) the connection of the two units must be made using the connection cable and the plug connectors.
These models may only be combined with a Miele external motor.

▶ For safety reasons, this appliance may only be used after it has been built in.

▶ The cooker hood must not be used in a non-stationary location (e.g. on a ship).

▶ Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.
Only open the housing as described in the instructions given in the installation sheet and in the Cleaning and care section of this booklet. Under no circumstances should any other parts of the housing be opened.

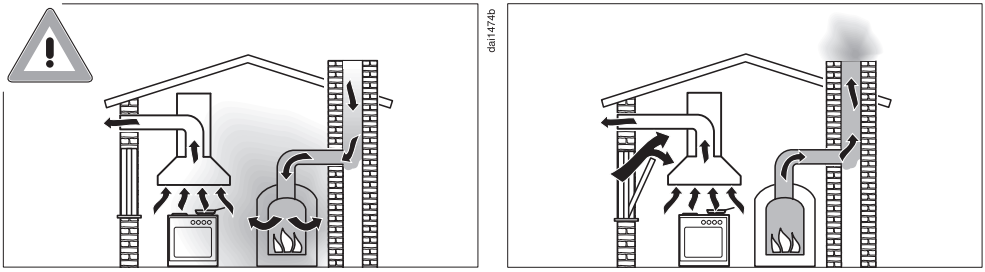
▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.

▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

▶ If the electrical connection cable is faulty it must only be replaced by a Miele authorised service technician to protect the user from danger.

▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply.

Using at the same time as other heating appliances that depend on the air from the room



⚠ Warning - danger of toxic fumes
Great care should be taken when using the cooker hood at the same time and in the same room or area of the house as another heating appliance which depends on the air in the room.
Such appliances include gas, oil, wood or coal-fired boilers and heaters, continuous flow or other water heaters, gas hobs, cookers or ovens which draw air in from the room and duct exhaust gases out through a chimney or extraction ducting.

When used in extraction mode, with or without an external motor fitted, or in recirculation mode with a recirculation box installed outside the room, the appliance draws air in from the room in which it is installed and from neighbouring rooms.

If there is insufficient air, an underpressure will occur. The heating appliance will be starved of oxygen, impairing combustion. Harmful gases could be drawn out of the chimney or extraction ducting back into the room, with potentially fatal consequences.

In order to ensure safe operation, and to prevent gases given off by the heating appliances from being drawn back into the room when the cooker hood and the heater are in operation simultaneously, an underpressure in the room of 0.04 mbar (4 pa) is the maximum permissible.

Ventilation can be maintained by air inlets which cannot be blocked, in windows, doors or outside wall vents, or by other technical measures, such as ensuring that the cooker hood can only be switched on when the heating appliance is switched off or vice versa. A ventilation brick alone is not generally sufficient to ensure safe ventilation.

The overall ventilation condition of the dwelling must be taken into account. If in any doubt, the advice of a competent builder or, for gas a qualified gas fitter (registered with an official gas safety body in accordance with national safety regulations, GasSafe in the UK) must be sought.

If the cooker hood is used in recirculation mode, where the air is directed back into the room in which it is located, operating a heating appliance which depends on the room air at the same time is no cause for concern.

Correct use

▶ Never use a naked flame beneath the cooker hood. To avoid the danger of fire, do not flambé or grill over a naked flame.
When switched on, the cooker hood could draw flames into the filter. Fat deposits could ignite, presenting a fire hazard.

▶ The cooker hood can become damaged when exposed to excessive heat.

– When using the cooker hood over a gas hob, ensure that any burners in use are always covered by a pan. Switch the cooking zone off when a pan is removed, even for a short time.
– Select a pan which is suitable for the size of the burner.
– Regulate the flame so that it does not burn up the sides of the pan.
– Avoid overheating the pan (e.g. when cooking with a wok).

▶ Always switch the cooker hood on when a cooking zone is in use, otherwise condensation may collect in the hood, which could cause corrosion.

▶ When cooking with oil or fat, chip pans and deep fat fryers etc, do not leave the pans unattended. Never leave an open grill unattended when grilling. Overheated oil and fat can ignite and could set the cooker hood on fire.

▶ Do not use the cooker hood without the filters in place. This way you will avoid the risk of grease and dirt getting into the appliance and hindering its smooth operation.

▶ The filters should be regularly cleaned or changed as appropriate. Saturated filters are a fire hazard.

▶ The cooker hood can get very hot during cooking due to heat rising from the hob.
Do not touch the housing or the grease filters until the cooker hood has cooled down.

Correct installation

▶ Refer to the cooker or hob manufacturer's instructions as to whether a cooker hood may be operated above the cooker/hob.

▶ Safety regulations prohibit the fitting of a cooker hood over solid fuel stoves.

▶ Insufficient distance between the cooker or hob and the cooker hood can result in damage to the hood.
The minimum safety distances between the top of the cooker or hob and the bottom of the cooker hood given in the "Installation" section must be maintained, unless the hob manufacturer states that a greater distance is required.
If more than one cooking appliance is fitted beneath the cooker hood, and they have different minimum safety distances to the cooker hood, select the greater distance.

▶ The distances given in "Installation" must be observed when fitting the cooker hood.

▶ Exhaust ducting must be of non-inflammable material. Suitable material is available from Miele specialist dealers or the Miele Spares Dept.

▶ The appliance must not be connected to a chimney or flue which is in use. Neither should it be connected to ducting which ventilates rooms with fireplaces.

▶ If exhaust air is to be extracted into a chimney or ventilation duct no longer used for other purposes, seek professional advice.

Cleaning and care

▶ Do not use a steam cleaning appliance to clean this appliance. The steam could reach electrical components and cause a short circuit.

Accessories

▶ Only use genuine original Miele accessories with this appliance. Using accessories from other manufacturers will invalidate the guarantee, and Miele cannot accept liability.

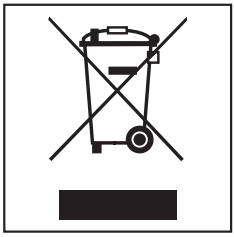
Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

Disposal of your old appliance

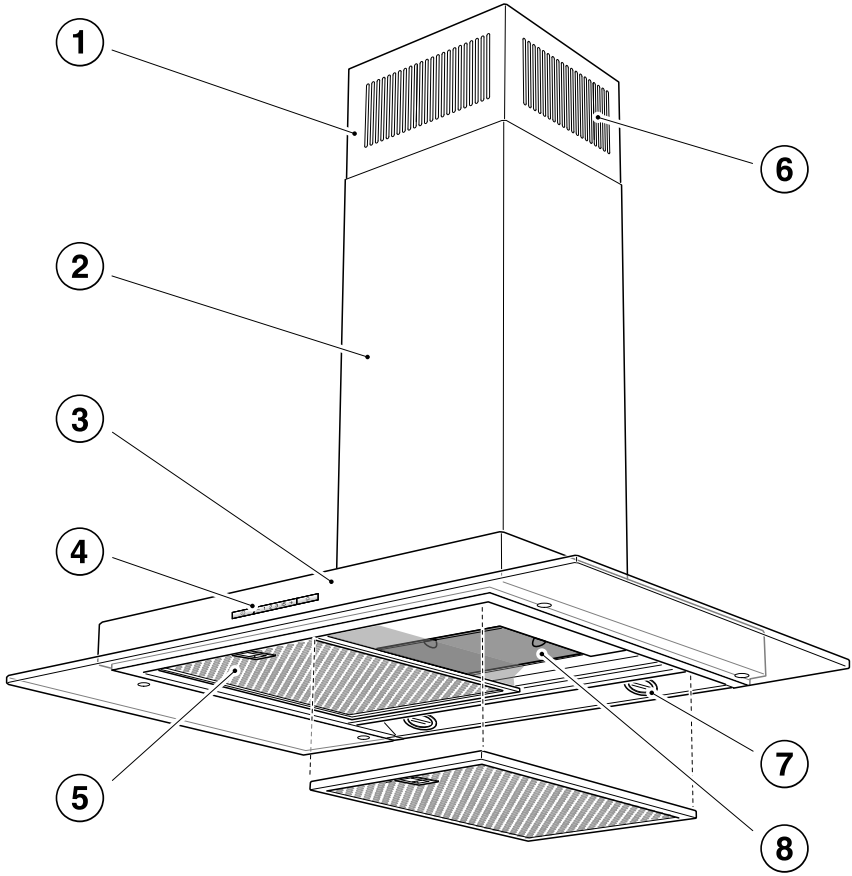
Electrical and electronic appliances often contain valuable materials. They also contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not therefore dispose of it with your household waste.

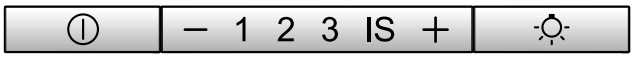


Please dispose of it at your local community waste collection / recycling centre or contact your Dealer for advice.

Ensure that it presents no danger to children while being stored for disposal.

Guide to the appliance





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① Telescopic extension piece

② Tower

③ Canopy

④ Controls

⑤ Grease filter(s) *

⑥ Recirculation grilles
(only for recirculation mode)

⑦ Hob lighting

⑧ Charcoal filter
(special accessory for recirculation mode)

⑨ On/Off control for the fan

⑩ Controls to select the fan power level

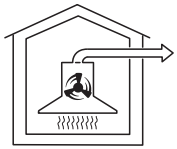
⑪ On/Off control for the hob lighting

*Your cooker hood is supplied with one or more grease filters depending on model. Filters are referred to in the plural thoughout this booklet.

Modes of operation

Depending on the model of the cooker hood, the following options are available:

Extraction mode



The air is drawn in and cleaned by the grease filters and directed outside.

Non-return flap

The non-return flap is designed to prevent the exchange of room and outside air taking place.
The flap is closed when the cooker hood is switched off.
When the cooker hood is switched on, the non-return flap opens for the cooking vapours to be blown directly outside.

If the on-site ventilation system does not have a non-return flap, the non-return flap supplied must be fitted in the exhaust socket in the motor unit.

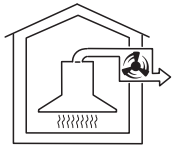
Recirculation mode

(recirculation mode cooker hoods require a conversion kit and charcoal filter (available as optional accessories): see "Technical Data")

The air is drawn in and cleaned first by the grease filters and then by a charcoal filter. The cleaned air is then recirculated back into the kitchen.

Operation with an external motor

(...EXT model cooker hoods)



Cooker hoods set up for operation with an external motor have to be connected to a Miele external motor located in a suitable position outside the room in which the cooker hood is installed. The external motor is linked to the cooker hood via a connection cable and then operated using the controls on the cooker hood.

Switching the fan on

■ Press the On/Off control ⏻.

The fan will switch on at level **2**. The ⏻ symbol and **2** will light up in the power level display.

Selecting the power level

For light to heavy cooking vapours and odours, select from power levels **1** to **3**.

When frying or cooking food with a very strong aroma, select the Intensive setting **IS**.

■ For a lower power level, press the "—" control, or "+" for a higher level.

Automatic switch-off of the Intensive setting

You can set the Intensive setting so that it only runs for 10 minutes before reverting automatically to level **3**.

■ To set this option, both the fan and the hob lighting must be switched off.

■ Press the "—" and "+" controls at the same time for approx. 10 seconds, until the **1** lights up.

■ Then press in turn,

– the lighting control ☼,

– the "—" control and then

– the lighting control ☼ again.

If **1** and **IS** flash Automatic switch-off is not activated.

■ To activate it press the "+" control.

If **1** and **IS** are lit up Automatic switch-off is activated.

■ To deactivate it press the "—" control.

■ Use the On/Off control ⏻ to confirm your choice of setting.
If you do not confirm within 4 minutes, the cooker hood will revert to the old setting.

Switching the fan off

- Use the On/Off control ⏻ to switch the fan off.

The ⏻ symbol will go out.

Switching the hob lighting on / off

The hob lighting can be switched on and off independently of the fan.

- To do this, press ☼.

The ☼ symbol will light up when the hob lighting is switched on.

Safety switch-off

Should the cooker hood be left on, the fan will switch off automatically after 10 hours. The lighting will remain on.

- Pressing the On/Off control will switch the fan back on again.

This cooker hood operates very efficiently and economically. The following will help you to save even more energy when using it:

– Ensure that there is sufficient ventilation in the kitchen when cooking. In extraction mode, if there is insufficient air flow the cooker hood cannot operate efficiently and this causes increased operating noise levels.

– Always cook with the lowest possible setting. This produces fewer cooking vapours, so you can use a lower cooker hood power level and therefore benefit from reduced energy consumption.

– Check the power level selected on the cooker hood. A lower power level is generally sufficient for the majority of cooking. Only use the intensive setting when necessary.

– When a large volume of cooking vapours are being produced, switch to a high power level in good time. This is more efficient than operating the cooker hood for longer to try to capture cooking vapours which have already been distributed throughout the kitchen.

– Make sure that you switch the cooker hood off after use.

– Clean or change the filters at regular intervals. Heavily soiled filters reduce performance, increase the risk of fire and are unhygienic.

Casing

General information

The surfaces and controls are susceptible to scratches and abrasion.
Please observe the following cleaning instructions.

- All external surfaces and controls can be cleaned using hot water with a small amount of washing-up liquid applied with a well wrung-out soft sponge or cloth.

Do not let moisture get into the cooker hood.
Only use a damp cloth when cleaning. This is particularly important around the controls.

- After cleaning, wipe the surfaces dry using a soft cloth.

Do not use:

– cleaning agents containing soda, acids, chlorides or solvents,

– abrasive cleaning agents, e.g. powder cleaners or cream cleaners and abrasive sponges, as well as pot scourers or sponges which have been used previously with abrasive cleaning agents. These will damage the surface material.

Important for appliances with stainless steel surfaces

(This information does not apply to the controls).

- Stainless steel surfaces can be cleaned with a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel.
- To help prevent re-soiling, a proprietary conditioning agent for stainless steel (available from Miele) can also be used. Follow the manufacturer's instructions on the packaging.

Important for RAL coloured housing

(Special order finish)

- Please observe the general notes on cleaning earlier in this section.

It is very difficult to clean this type of surface without causing minor marks to the surface material. This can become particularly noticeable depending on the type of lighting in the kitchen.

Important for the controls

Do not leave soiling on the controls for any length of time.
Otherwise they may suffer discolouration or damage.
Remove soiling straight away.

- Please observe the general notes on cleaning earlier in this section.

Do not use stainless steel cleaning agents on the controls.

Important for appliances with glass surfaces

- Glass surfaces can be cleaned using a proprietary non-abrasive cleaning agent designed specifically for use on glass.

Grease filters

The re-usable metal grease filters in the appliance remove solid particles (grease, dust, etc.) from the kitchen vapours, preventing soiling of the cooker hood.

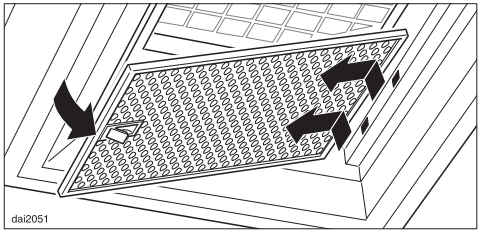
⚠ An oversaturated filter is a fire hazard.

Cleaning interval

The grease filters should be cleaned regularly (at least every 3 - 4 weeks) to avoid a build-up of grease.

Removing a grease filter

The grease filter can fall out when you are handling it.
This can result in damage to the filter and the hob below.
Make sure you hold the filter securely at all times when handling it.



- To take out a grease filter, release the locking clip on the filter, lower the filter approx. 45°, unhook it at the back and remove it.

Cleaning the grease filters by hand

- Clean the filters with a soft nylon brush in a mild solution of hot water and a small amount of washing-up liquid. Do not use "neat" washing up liquid.

Unsuitable cleaning agents

Unsuitable cleaning agents can cause damage to the surface of the filters if used regularly.
Do not use:

– cleaning agents containing descaling agents

– powder cleaners, cream cleaners

– aggressive multi-purpose cleaning agents or spray cleaners for grease

– oven sprays

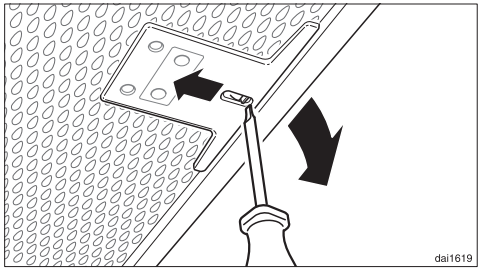
Cleaning the grease filters in the dishwasher

- Place the filters as upright as possible in the lower basket, with the short sides upright, ensuring the spray arm is not obstructed.
- Use a proprietary household dishwasher detergent.
- Select a dishwasher programme with a wash temperature between 50°C and 65°C.

Depending on the cleaning agent used, cleaning the filters in a dishwasher can cause permanent discolouration to the surface. However, this will not affect the functioning of the filters in any way.

After cleaning

- After cleaning, leave the filters to dry on an absorbent surface before replacing them.
- When removing the filters for cleaning, also clean off any residues of oil or fat from the now accessible housing to prevent the risk of these catching fire.
- Replace the grease filters, making sure that the locking clips are facing down towards the hob.



- If a grease filter is inadvertently replaced upside down, insert a small screwdriver blade into the slit to disengage the clip.

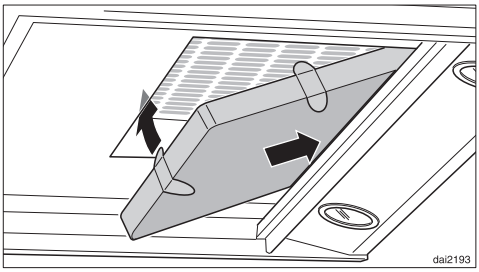
Charcoal filter

If the cooker hood is connected for recirculation, a charcoal filter must be inserted in addition to the grease filters. This is designed to absorb cooking odours and is fitted in the canopy above the grease filters.

Replacement charcoal filters can be obtained from your Miele retailer or via the internet at www.miele-shop.com. See "Technical data" for type and reference number.

Fitting and replacing the charcoal filter

- Before fitting or replacing a charcoal filter, the grease filters must first be taken out (see previous section for instructions on how to do this).
- Take the charcoal filter out of its packaging.



- Insert the charcoal filter into the back of the charcoal filter frame, then push up into the frame at the front.
- Replace the grease filters.

When to change the charcoal filter

- Always replace the charcoal filter when it no longer absorbs kitchen odours effectively.
  It should, however be replaced at least every 6 months.

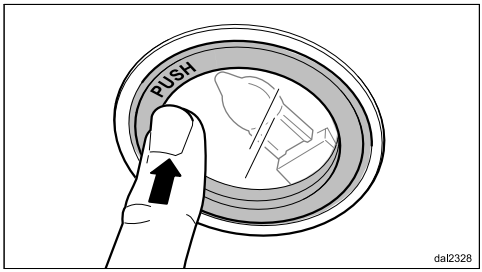
Disposing of the charcoal filter

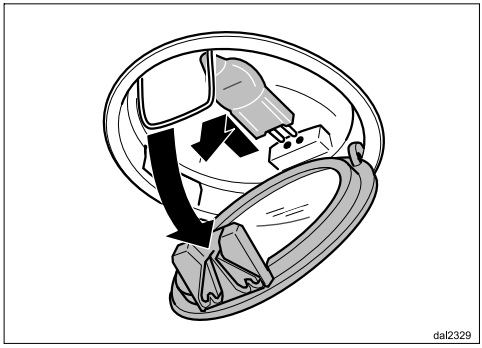
- Used charcoal filters can be disposed of with the normal household waste.

Changing a halogen lamp

Note that halogen lamps become very hot when in use.
They can cause burns even after being switched off for some time!
Allow them to cool down for a few minutes before changing them.

- Disconnect the cooker hood from the mains electrical supply before replacing the lamp (see "Warning and Safety instructions").





- To access the halogen lamp, press the lamp cover gently upwards. The cover will open and can then be lowered.
- Pull the halogen lamp out of its socket.
- Replace it with a new halogen lamp (12 V, 20 W, G4). Wear a glove or use a soft cloth to hold it and push it into the socket carefully. Please follow the lamp manufacturer's instructions.
- Flip the cover back up, making sure it clicks into place.

Before installation

⚠ Before installation, it is important to read the information given on the following pages as well as the "Warning and Safety instructions" at the beginning of this booklet.

Protective foil

The housing components have protective foil around them to protect them from transport damage.

- Please remove this foil before fitting the housing components. It can be peeled off easily.

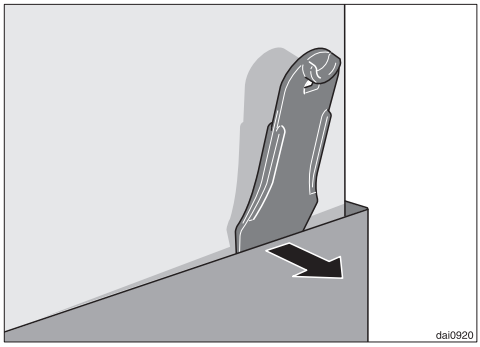
Installation instructions

See enclosed Installation sheet for instructions on how to install this appliance.

Dismantling

Should the appliance ever need to be dismantled, follow the installation instructions in reverse order as described on the installation sheet. A lever is supplied to assist with the removal of the tower.

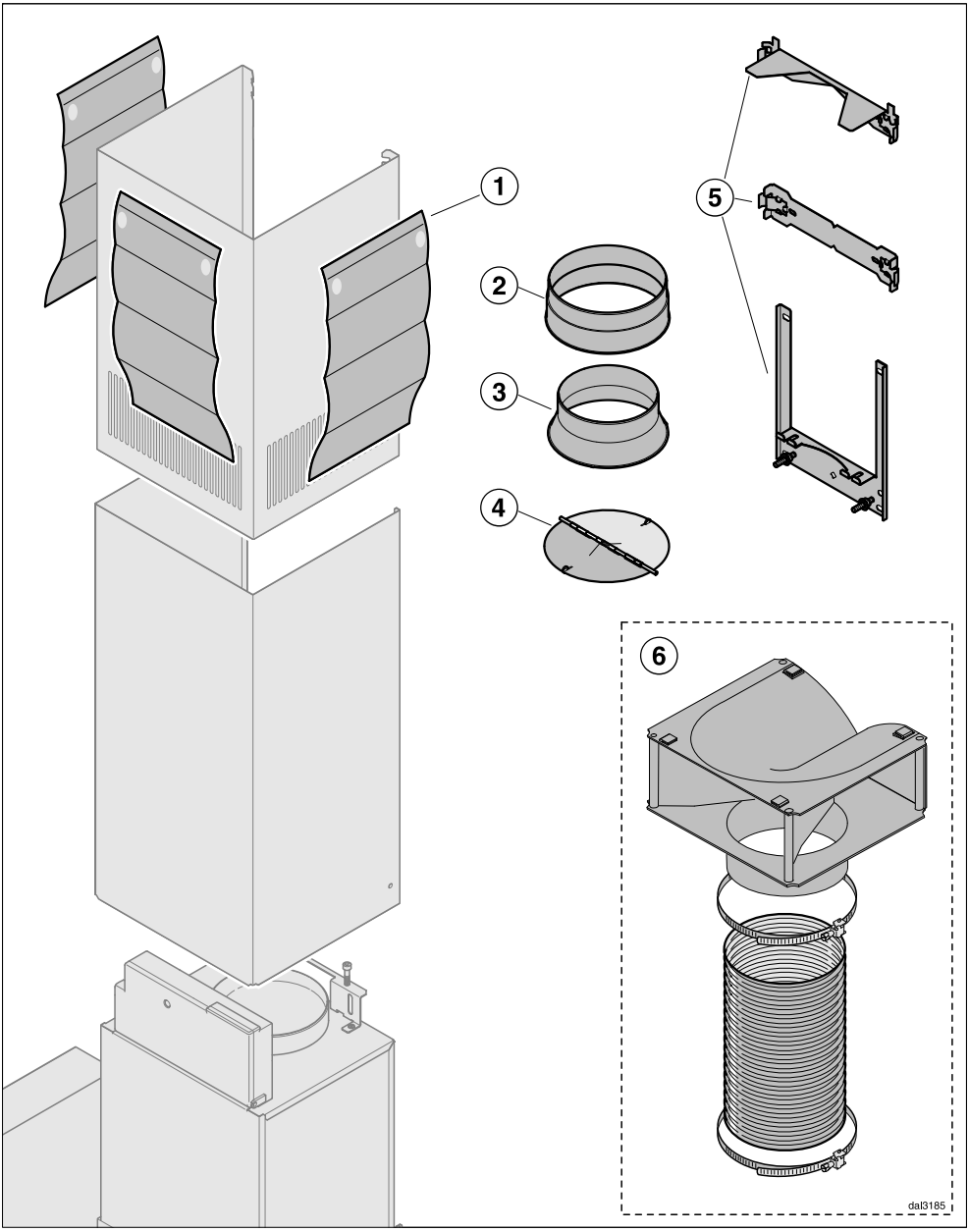
- After unscrewing the two fixing screws on the tower,



- push the lever between the tower and the extension piece
- then lever the tower out of its fixings.

Installation

Assembly parts



① **3 protective sheets**
for use when fitting the tower

② **1 exhaust connection**
for exhaust ducting ∅ 150 mm

③ **1 reducing collar**
for exhaust ducting ∅ 125 mm

④ **1 non-return flap**
for installation in the exhaust socket of the fan motor (not for recirculation mode). The non-return flap may already be fitted depending on model.

⑤ **Wall bracket**
for securing the cooker hood to the wall

⑥ **Conversion kit for recirculation mode**
including directional unit and flexible aluminium hose (the conversion kit is not supplied. It is available as an optional extra - see "Technical data").

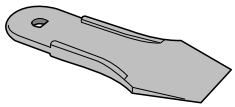
8 screws, 5 x 60 mm and

8 plugs, 8 x 50 mm
for securing to the wall.

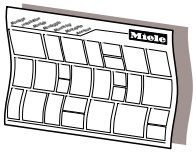
The screws and plugs are designed for use in solid walls only.
For other types of wall construction, alternative fixings will be required.
Make sure the wall is able to take the weight of the cooker hood.

2 x M 6 self-tapping nuts
for securing the canopy

2 screws 3.9 x 7.5 mm
for securing the tower

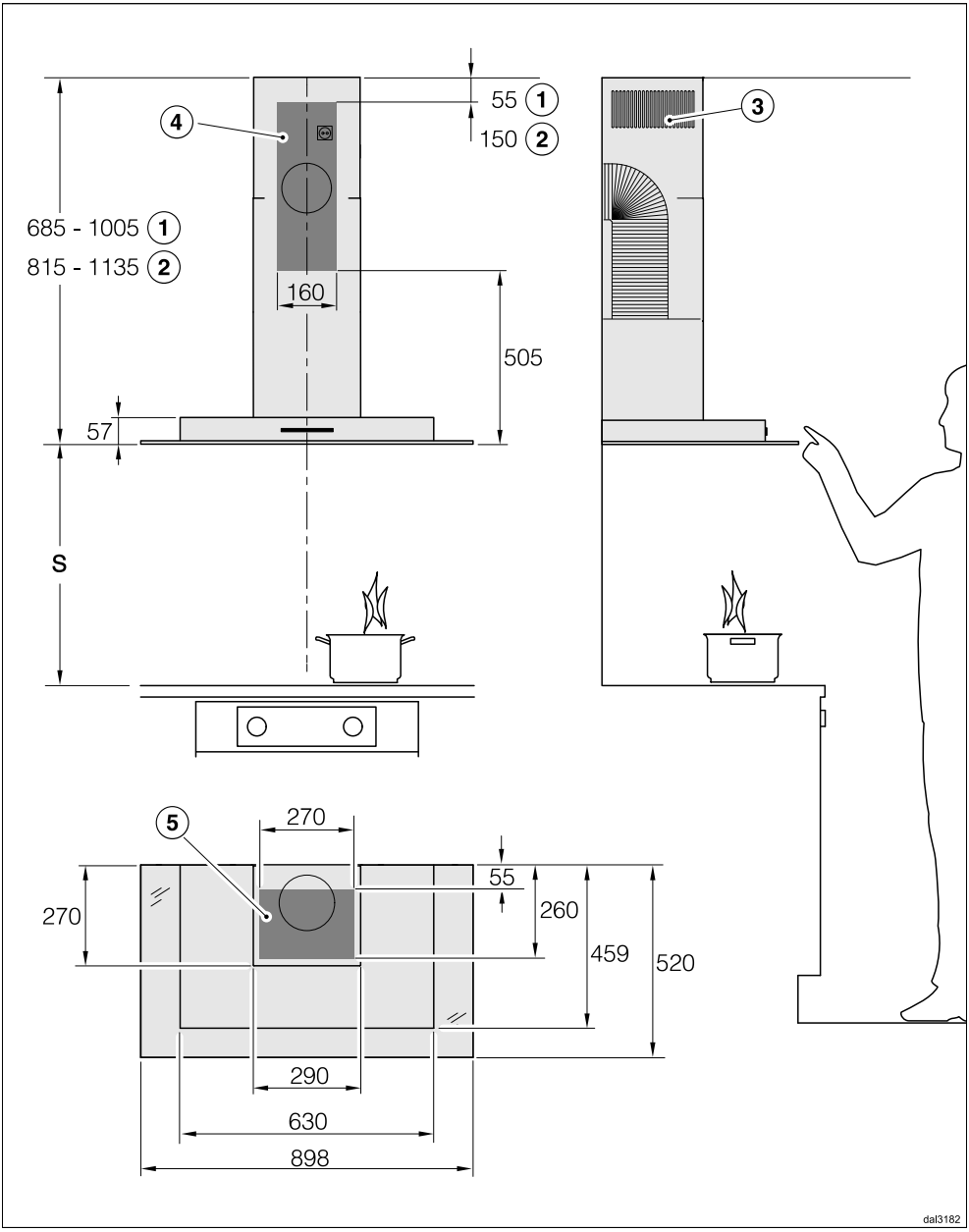


1 lever
for dismantling the tower



Installation instructions

Appliance dimensions



The diagram is not drawn to scale.

① Extraction

② Recirculation

③ Ventilation grille positioned at the top for recirculation

④⑤ (only ④ is required for recirculation mode cooker hoods): The shaded area represents the wall or ceiling area for the vent cut-out, for fitting the connection socket and on EXT models for feeding the connection cable through to the external motor. Recirculation mode cooker hoods only require an electrical connection socket.

Connection for air extraction ∅ 150 mm, or ∅125 mm with reducing collar.

Safety distance between hob and cooker hood (S)

When planning the installation height of your cooker hood, the minimum safety distance between the top of a cooker or hob and the bottom of the cooker hood is as follows, unless a greater distance is specified by the manufacturer of your cooking appliance.
See "Warning and Safety" instructions for further information.

Cooking appliance	Minimum distance S
Electric hob	450 mm
Electric grill, deep fat fryer (electric)	650 mm
Multi-burner gas hob, total output ≤ 12.6 kW, no burner > 4.5 kW	650 mm
Multi-burner gas hob, total output > 12.6 kW and ≤ 21.6 kW, no burner > 4.8 kW.	760 mm
Multi-burner gas hob, total output > 21.6 kW, or multi-burner gas hob where one burner > 4.8 kW.	Not possible
Single burner gas hob, output ≤ 6 kW.	650 mm
Single burner gas hob, output > 6 kW and ≤ 8.1 kW.	760 mm
Single burner gas hob, output > 8.1 kW	Not possible

Installation recommendations

– When deciding on the safety distance between the hob and cooker hood, please note that a distance of 650 mm above electric cookers/hobs may be preferable to give more working space under the hood.

– Account should also be taken of the height of the person who will be using the hood most often. They should have sufficient space to work comfortably at the hob, and be able to reach the hood controls with ease.

– Please be aware that if positioned too high, extraction will be inefficient.

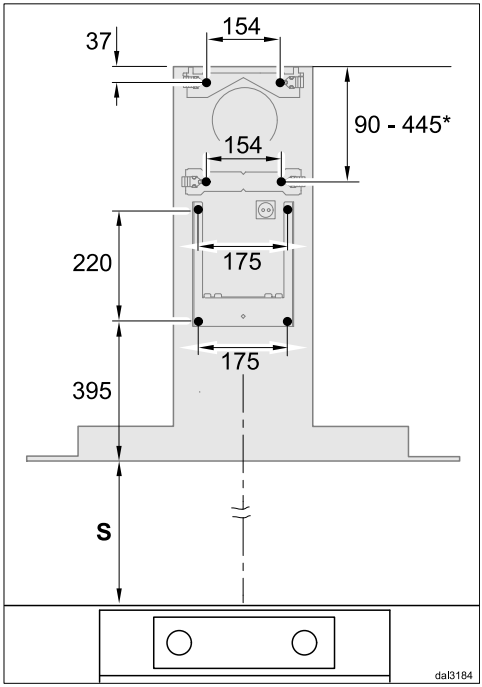
– To achieve optimum vapour extraction, the cooker hood must cover the hob. It should be positioned centrally over the hob, not to the side of it.

– The hob should be no wider than the cooker hood, and if possible, it should be narrower.

– The installation area must be easily accessible. The cooker hood should be easily accessible and easy to dismantle in the event that service is required. This should be taken into consideration when planning the position of cupboards, shelves, ceilings or features in the vicinity of the cooker hood.

Drilling diagram for wall mounting

■ Please follow the directions given in the installation instructions supplied for drilling.



■ For pre-installation of a back wall where the holes have to be pre-drilled, please refer to the drilling distances in the drawing above (screws ∅ 5 mm).

*The dimension for the middle wall bracket is variable. It will depend on the position of the wall vent and the socket. It should be set as low as possible.

⚠ If this cooker hood is used at the same time as a heating appliance that relies on oxygen from the same room there is a risk in certain circumstances of toxic fumes building up.

It is essential that the "Warning and Safety" instructions are observed.

The cooker hood should be installed according to local and national building regulations. Seek approval from the building inspector where necessary.

- Use smooth or flexible ducting made from approved non-flammable materials for exhaust ducting.
- When using an external motor, make sure that the exhaust ducting is sufficiently rigid. The external motor can cause an underpressure which can result in the exhaust ducting distorting.
- To achieve the most efficient air extraction with the lowest noise levels, please note the following:

– To ensure efficient air extraction, the diameter of the exhaust ducting should not be less than 150 mm.

– If flat ducting is being used, the cross section must not be smaller than the cross sectional area of the exhaust socket.

– The exhaust ducting should be as short and straight as possible.

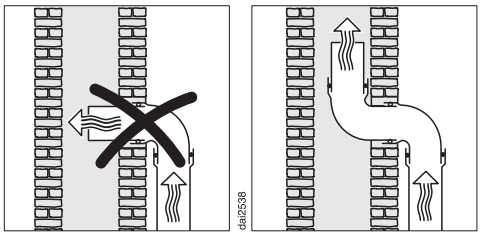
– Only use wide radius bends.

– The exhaust ducting must not be kinked or compressed.

– Ensure that all connections are strong and airtight.

Remember that any constriction of the air flow will reduce extraction performance and increase operating noise.

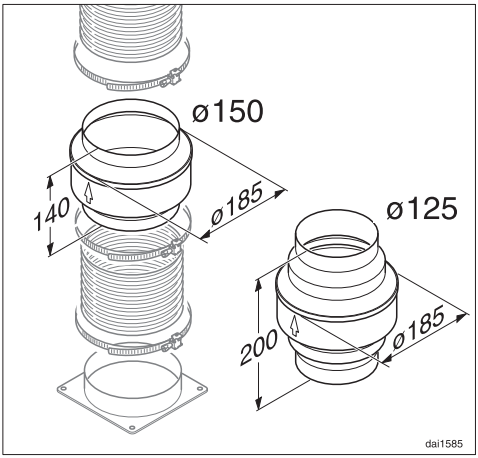
- If the exhaust is ducted through an outside wall, a telescopic wall vent or a roof vent (available as an optional accessory) is recommended.



- If the exhaust air is to be ducted into a flue, the ducting must be directed in the flow direction of the flue.
- When ducting is horizontal it must be laid to slope away at at least 1 cm per metre. This is to ensure that condensate cannot drain back into the appliance.
- If the exhaust ducting is to run through rooms, ceiling space etc. where there may be great variations in temperature between the different areas, the problem of condensation will need to be addressed. The exhaust ducting will need to be suitably insulated.

Connection for air extraction

Condensate trap

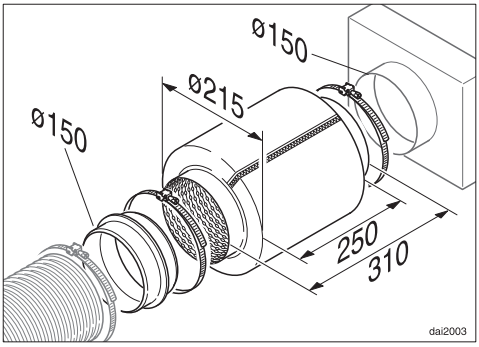


In addition to insulating the exhaust ducting, we recommend that a suitable condensate trap is also installed to collect and evaporate any condensate which may occur.
Condensate traps for 125 mm or 150 mm ducting are available as optional accessories.

- When installing a condensate trap, ensure that it is positioned vertically and if possible directly above the exhaust socket.
  The arrow on the housing indicates the direction of air-flow.

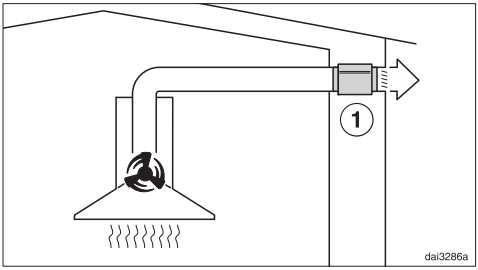
A condensate trap is integrated in cooker hoods which are designed for connection to an external motor (model.....EXT).

Silencer



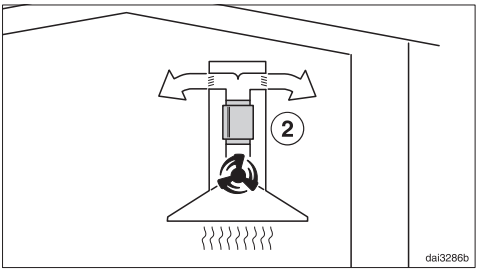
To achieve even further reductions in noise levels, a special silencer (optional accessory) can be fitted in the ducting system.

Extraction mode



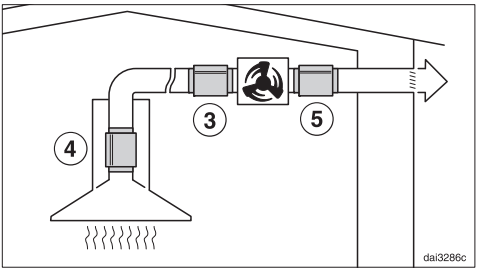
The silencer not only reduces noise from the motor outside the house, but also sounds from outside (e.g. traffic noise). For this reason the silencer must be positioned as close as possible to the ducting exit ①.

Recirculation mode



The silencer needs to be positioned between the exhaust socket and the directional unit ②. Ensure there is adequate space for fitting it.

Extraction mode with external motor



To minimise noise from the motor in the kitchen, the silencer should be positioned in front of the external motor ③ if possible, or, if the ducting is long, above the exhaust socket on the cooker hood ④. In the case of an external motor located inside the house, fitting a silencer behind the external motor ⑤ reduces the noise of the motor outside the house.

Electrical connection

All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with current national and local safety regulations (BS 7671 in the UK).
Installation, repairs and other work by unqualified persons could be dangerous, for which the manufacturer cannot be held liable.
Ensure power is not supplied to the appliance until after installation or repair work has been carried out.
Do not connect the appliance to the mains electricity supply by an extension lead. These do not guarantee the required safety of the appliance.

The connection data is given on the data plate. This is visible when the grease filters have been removed. Ensure that this data matches the household mains supply.

Connection of this appliance should be made via a suitable isolator or a double pole fused spur connection unit which complies with national and local safety regulations and the On-Off switch should be easily accessible after the appliance has been built in. When switched off there must be an all-pole contact gap of 3 mm in the switch (including switch, fuses and relays according to EN 60335).

If the switch is not accessible after installation (depending on country), an additional means of disconnection must be provided for all poles.
For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD). Contact a qualified electrician for advice.

Important
This appliance is supplied for connection to an a.c. 230 V single phase 50 Hz supply. The wires in the mains lead are coloured in accordance with the following code:

Green/yellow .....earth

Blue.....neutral

Brown .....live

WARNING:
THIS APPLIANCE MUST BE EARTHED

In the event of a fault which you cannot remedy yourself, please contact your Miele dealer or the Miele Service Department.

Contact details for Miele are given at the back of this manual. N.B. A call-out charge will be applied to service visits where the problem could have been resolved as described in these instructions.

When contacting your dealer or Miele, please quote the model and serial number of your appliance.
These are shown on the data plate.

Position of the data plate

The data plate is visible after removing the grease filters.

Guarantee: U.K.

In the U.K., the appliance is guaranteed for 2 years from the date of purchase. However, you must activate your cover by calling 0330 160 6640 or registering online at www.miele.co.uk.

Guarantee: Other countries

For information on the appliance guarantee specific to your country please contact Miele. See end of this booklet for contact details.

Technical data

Fan motor*	120 W
Hob lighting	2 x 20 W
Total connected load*	160 W
Voltage	AC 230 V
Fuse rating	5 A
Mains connection cable length	1.5 m
Weight	
DA 5496 W	22.5 kg
DA 5496 W EXT	20.5 kg
Extraction power* according to EN 61591, extraction ducting ∅ 125/150 mm	
Level 1	130/150 m^3/h
Level 2	230/250 m^3/h
Level 3	330/350 m^3/h
Intensive setting	450/500 m^3/h
Recirculation power**	
Level 1	100 m^3/h
Level 2	150 m^3/h
Level 3	250 m^3/h
Intensive setting	350 m^3/h

* For EXT models, the connected load and extraction power will depend on the type of external motor fitted.
Length of connection cable to external motor: 1.9 m

**Recirculation mode with conversion kit DUW 20 and charcoal filter DKF 12 (optional accessories)

Data sheet for domestic cooker hoods

In acc. with delegated regulation (EU) No. 65/2014 and regulation (EU) No. 66/2014

MIELE	
Model name / identifier	DA 5496 W
Annual Energy Consumption (AEC_{hood})	85,6 kWh/year
Energy efficiency class	
A+ (most efficient) to F (least efficient)	D
Energy efficiency index (EEI_{hood})	87,6
Fluid Dynamic Efficiency (FDE_{hood})	16,5
Fluid Dynamic Efficiency class	
A (most efficient) to G (least efficient)	D
Lighting Efficiency (LE_{hood})	10,8 lx/W
Lighting Efficiency class	
A (most efficient) to G (least efficient)	E
Grease Filtering Efficiency	95,1 %
Grease Filtering Efficiency class	
A (most efficient) to G (least efficient)	A
Airflow at best efficiency point	298,6 m^3/h
Air flow (min. speed)	150 m^3/h
Air flow (max. speed)	350 m^3/h
Air flow (intensive or boost setting)	500 m^3/h
Max. air flow (Q_{max})	500 m^3/h
Air pressure at best efficiency point	219 Pa
Airborne acoustical A-weighted sound power emissions (min. speed)	41 dB
Airborne acoustical A-weighted sound power emissions (max. speed)	55 dB
Airborne acoustical A-weighted sound power emissions (intensive or boost setting)	62 dB
Electrical power input at best efficiency point	110,0 W
Power consumption in off mode (P_o)	W
Power consumption in standby mode (P_s)	0,85 W
Nominal power of lighting system	40,0 W
Average illumination of the lighting system on the cooking surface	430 lx
Time increase factor	1,4

Technical data

Data sheet for domestic cooker hoods

In acc. with delegated regulation (EU) No. 65/2014 and regulation (EU) No. 66/2014

MIELE	
Model name / identifier	DA 5496 W EXT
Annual Energy Consumption (AEC_{hood})	29,2 kWh/year
Energy efficiency class	
A+ (most efficient) to F (least efficient)	C
Energy efficiency index (EEI_{hood})	78,3
Fluid Dynamic Efficiency (FDE_{hood})	
Fluid Dynamic Efficiency class	
A (most efficient) to G (least efficient)	-
Lighting Efficiency (LE_{hood})	10,8 lx/W
Lighting Efficiency class	
A (most efficient) to G (least efficient)	E
Grease Filtering Efficiency	%
Grease Filtering Efficiency class	
A (most efficient) to G (least efficient)	-
Airflow at best efficiency point	m^3/h
Air flow (min. speed)	m^3/h
Air flow (max. speed)	m^3/h
Air flow (intensive or boost setting)	m^3/h
Max. air flow (Q_{max})	m^3/h
Air pressure at best efficiency point	Pa
Airborne acoustical A-weighted sound power emissions (min. speed)	dB
Airborne acoustical A-weighted sound power emissions (max. speed)	0 dB
Airborne acoustical A-weighted sound power emissions (intensive or boost setting)	dB
Electrical power input at best efficiency point	W
Power consumption in off mode (P_o)	W
Power consumption in standby mode (P_s)	0,85 W
Nominal power of lighting system	40,0 W
Average illumination of the lighting system on the cooking surface	430 lx
Time increase factor	

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Miele

DA 5496 W
DA 5496 W EXT

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